

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	136	710/117.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:52
L2	173976	(low adj power) sleep	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:52
L3	10	L1 and L2	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:52
S1	21	US-4903146-\$.DID. OR US-5051839-\$.DID. OR US-5172244-\$.DID. OR US-5184184-\$.DID. OR US-5341196-\$.DID. OR US-5434650-\$.DID. OR US-5485246-\$.DID. OR US-5510876-\$.DID. OR US-5546164-\$.DID. OR US-5583615-\$.DID. OR US-5694201-\$.DID. OR US-5784663-\$.DID. OR US-5812900-\$.DID. OR US-5897236-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 12:54
S2	1	2001-135009	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 12:54
S3	26	"135009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 12:54
S4	2	"0135009".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/17 12:54
S5	479	"communications interface" same register same stor\$4 same memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 12:57
S6	96	S5 and "control circuit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:26
S7	60	S6 and (chronological "in order")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 11:14
S8	1323	((reduc\$3 decreas\$3 diminish\$3 cut\$4 shrink\$3 lower\$3) with power with (consumption use utiliz\$5)) same ((disk disc) near2 drive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 13:22
S9	99	S8 and (communicat\$4 near3 interfac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 13:23
S10	47	S9 and register and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 15:20

## EAST Search History

S11	12025	task near2 (management schedul\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 15:21
S12	244	S11 same register same memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 15:22
S13	73	S12 same (associat\$3 connect\$3 correlat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 15:49
S14	23692626	@ad<"20030317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 15:50
S15	59	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 16:09
S16	19	S13 same access\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 16:09
S17	14	S16 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 16:10
S18	18	("4249248" "5717946" "6819334" "20020033971" "20030187569" "20040133718" "20040228166" "20050114575" "20020199048").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 10:48
S19	2	"6338110".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 10:48
S20	69658	(register memory buffer queue storage) with (stor\$4 near2 (data information)) with transfer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:16
S21	99481	(first near2 (memory buffer queue storage)) same (second near2 (memory buffer storage queue))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 11:27
S22	606493	control\$4 near5 (writ\$4 stor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:51

## EAST Search History

S23	9538	S20 and S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 11:20
S24	1258	S20 same S21 same S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 11:20
S25	23693949	@ad<"20030317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 11:22
S26	854	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 11:23
S27	119	S24 same interfac\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 11:23
S28	98	S27 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 11:47
S29	13681	((first near2 (memory buffer queue storage)) with address\$2) same (second near2 (memory buffer storage queue))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 11:28
S30	279	S20 same S29 same S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 11:29
S31	22	S30 same interfac\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:14
S32	24582	register near4 (data information) near4 transfer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:16
S33	10548	(first adj2 memory) near5 address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:17
S34	2506	(second adj2 memory) with (data information) with associat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:18

## EAST Search History

S35	226579	control\$4 with writ\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:19
S36	3	S32 same S33 same S34 same S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 14:21
S37	5	S32 same S33 same S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 13:22
S38	479	"communications interface" same register same stor\$4 same memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:27
S39	378	S38 same control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:27
S40	40	S39 same first same second	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:40
S41	23	S39 same fifo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/18 15:40
S42	42043	(register memory buffer queue storage) near5 stor\$4 near3 (data information) near6 transfer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:48
S43	253252	((register memory buffer queue storage) near5 (address location)) near5 (register memory buffer queue storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:49
S44	1232252	((register memory buffer queue storage) near5 (writ\$4 stor\$4)) near5 (register memory buffer queue storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:50
S45	255288	control\$4 near5 (writ\$4 stor\$4) near5 (data information)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:51
S46	1307	S42 same S43 same S44 same S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:52

## EAST Search History

S47	112	S46 same host	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 15:52
S48	90	S47 and interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 16:08
S49	4	"6799242".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/18 16:08
S50	99	("5943613" "4599745" "5452420" "5649210" "5815567" "5936990" "5943623" "6073179" "6088385" "6111936" "6128564" "6154524" "4952817" "5396636" "5585792" "5862393" "5668553" "5739597" "5909586" "5943404" "4567557" "4587497" "4905237" "5293639" "5450073" "5486830" "5490134" "5504864" "5764693" "5931950" "5983362" "6026288" "6049702" "6211701" "6223045" "6211701" "6223045" "4311986" "4313223" "4317175" "4437046" "4514855" "4574355" "4884287" "4945297" H000850 "4972440" "4996453" "5017799" "5193107").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 14:01
S51	8	fifo with ((specific exact precise) adj number) with ((data information) near5 (writ\$4 stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 14:03
S52	9	(fifo "first in first out" "first-in first-out") with ((specific exact precise) adj number) with ((data information) near5 (writ\$4 stor\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 18:16
S53	1536	(first adj2 clock) same (second adj2 clock) same writ\$4 same read\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 18:18
S54	2382	((first adj2 clock) with (writ\$4 read\$4)) same ((second adj2 clock) with (writ\$4 read\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 18:19
S55	936	((first adj2 clock) with writ\$4) same ((second adj2 clock) with read\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 18:19
S56	328	S55 same (frequenc\$3 rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/19 18:20
S57	110	S56 same synchron\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 08:17

## EAST Search History

S58	23693970	@ad<"20030317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 08:17
S59	937	((first adj2 clock) with writ\$4) same ((second adj2 clock) with read\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 08:17
S60	328	S59 same (frequenc\$3 rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 08:17
S61	110	S60 same synchron\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 08:17
S62	99	S61 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/20 08:18
S63	2671	(register memory buffer queue storage) near3 (stor\$4 near2 (data information)) with (transfer\$4 near3 host)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:27
S64	24923	"710"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:17
S65	514	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:17
S66	41179	(register memory buffer queue storage) near3 (stor\$4 near2 (data information)) with (address\$2 near3 (register memory buffer queue storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:19
S67	23	(control\$3 near5 writ\$3) with chronological	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:20
S68	1	S63 same S66 same S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 17:13
S69	151	S63 same S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:20

## EAST Search History

S70	38	S69 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:26
S71	18	power and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 15:21
S72	388200	power near3 (consumption lower\$3 reduc\$3 sav\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 15:27
S73	418	S72 same (disk disc) same host	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 15:27
S74	27	S73 and S64	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 16:01
S75	1	"20020067645".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 15:32
S76	102	(S73).ti,ab.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:58
S77	1165	(buffer queue) same (first near3 path) same (second near3 path)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 16:25
S78	759	path near3 selection near3 control\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 16:26
S79	1	S77 same S78	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 16:26
S80	41215	path near3 select\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 16:26
S81	31535	path near2 select\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/15 16:26
S82	46	S81 same S77	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 10:29
S83	1	("6799242").URPN.	USPAT	OR	OFF	2006/02/15 16:40
S84	10	("5313428"   "5365487"   "5487047"   "5606290"   "5634106"   "5659762"   "5687382"   "5940352"   "6216233"   "6272081").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/15 16:41
S85	2	"20040186939".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/15 17:13
S86	4208	713/300,310,320,322-324,330.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:39
S87	787	register same (first adj memory) same (second adj memory) same control\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 10:33

## EAST Search History

S88	8	S86 and S87	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 10:36
S89	1344	(register buffer queue) near3 (stor\$3 adj data) with host	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:26
S90	1448	(register buffer queue) near3 (stor\$3 adj (information data)) with host	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:26
S91	1697	(register memory buffer queue storage) near3 (stor\$4 near2 (data information)) near5 (transfer\$4 near3 host)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:50
S92	540	(register buffer queue) near3 (stor\$4 near2 (data information)) near5 (transfer\$4 near3 host)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:30
S93	94	S92 same address	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:33
S94	35	S92 same ((stor\$3 indicat\$3) near3 address)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:34
S95	3	(control\$3 near3 writ\$3) same S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:34
S96	388637	power near3 (consumption lower\$3 reduc\$3 sav\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:39
S97	3210	S86 and S96	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:39
S98	15612	((low adj power) sleep) adj2 mode	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:40
S99	1080	S97 and S98	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:40
S10 0	32	(optical adj (disk disc) adj drive) and S99	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 11:40
S10 1	72302	(register memory buffer queue storage) with (stor\$4 near2 (data information)) with transfer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:47
S10 2	103262	(first near2 (memory buffer queue storage)) same (second near2 (memory buffer storage queue))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:47



## EAST Search History

S10 3	629015	control\$4 near5 (writ\$4 stor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 11:47
S10 4	1305	S101 same S102 same S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 11:47
S10 5	23742099	@ad<"20030317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:47
S10 6	122	S104 same interfac\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 11:47
S10 7	99	S106 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 11:47
S10 8	2	S107 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 11:48
S10 9	270	(first adj (memory storage register)) near5 (address near3 (buffer queue))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:51
S11 0	300	(second adj (memory storage register)) near5 ((stor\$3 near3 (data information)) near6 host)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:52
S11 1	1	S91 same S109 same S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 11:52
S11 2	1	"5758191".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/16 16:27
S11 3	180	(first adj3 path) near6 (via through) near5 memor\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 14:07
S11 4	0	(second adj3 path) near6 "not" near3 (via through) near5 memor\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 14:09
S11 5	0	(second adj3 path) with "not" with (via through) with memor\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 14:09
S11 6	132	(second adj3 path) same S113	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 14:09

## EAST Search History

S11 7	10	"710"/\$.ccls. and S116	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/02/23 14:09
S11 8	1100	(optical near2 (mechanism drive)) near5 power	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/30 10:49
S11 9	6	paths same S118	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/30 10:49
S12 0	59	host same S118	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/30 10:49
S12 1	429	(user near2 select\$4) near3 advantage	US-PGPUB; USPAT	OR	ON	2007/04/05 10:10
S12 2	187	(user adj select\$4) near3 advantage	US-PGPUB; USPAT	OR	ON	2007/04/05 10:10
S12 3	2	"710"/\$.ccls. and S122	US-PGPUB; USPAT	OR	ON	2007/04/05 10:10
S12 4	869	713/322.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:52
S12 5	44	buffer and optical and S124	US-PGPUB; USPAT	OR	OFF	2007/04/05 15:08
S12 6	34	@ad<"20030317" and S125	US-PGPUB; USPAT	OR	OFF	2007/04/05 15:08
S12 7	2137	713/320,322.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:04
S12 8	37474	path near5 (power sleep)	US-PGPUB; USPAT	OR	OFF	2007/04/05 17:01
S12 9	95	S127 and S128	US-PGPUB; USPAT	OR	OFF	2007/04/05 16:59
S13 0	869	S127 and S124	US-PGPUB; USPAT	OR	OFF	2007/04/05 16:59
S13 1	35	S128 and S124	US-PGPUB; USPAT	OR	OFF	2007/04/05 16:59
S13 2	295	path near5 (power sleep) near5 memory	US-PGPUB; USPAT	OR	OFF	2007/04/05 17:01
S13 3	5	S132 and S127	US-PGPUB; USPAT	OR	OFF	2007/04/05 17:29
S13 4	97356	(switch\$3 alternat\$3 chang\$3) near3 path	US-PGPUB; USPAT	OR	OFF	2007/04/05 17:41
S13 5	19	S134 and S124	US-PGPUB; USPAT	OR	OFF	2007/04/05 17:41
S13 6	610	stor\$3 near3 data near3 ((low adj power) sleep)	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:52
S13 7	56	"713"/\$.ccls. and S136	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:01
S13 8	6	S124 and S136	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:01
S13 9	21	713/320.ccls. and S136	US-PGPUB; USPAT	OR	OFF	2007/04/05 18:04